

200 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190
11uf_A
1ir3_A
30425042.m ---MG---ARP---LTLRALLLPPLLGAQAAIVFIKPPSSQDALQRRALLRCEVEAPDFVHVYLLNGVVFQDIERRFAQSSISFAAVDRLODSAFQCVARDNVTCBEVRSHTNSFNHKWEAGPVVFKHPASEAEIQPQTQVTLR---CHIDGHPRTYQWFRDGTPLSDQSTHTVSSRERNLRLRPAAP
30425042.m ---MGAARGSPARPRRLPILLSVLLPPLGGTCAIVFIKPPSSQDALQRRALLRCEVEAPDFVHVYLLNGVVFQDIERRFAQSSISFAAVDRLODSAFQCVARDNVTCBEVRSHTNSFNHKWEAGPVVFKHPASEAEIQPQTQVTLR---CHIDGHPRTYQWFRDGTPLSDQSTHTVSSRERNLRLRPAAP
31227030.i ---QFTVTPBSRQVDFGSEVIFECRAMFD-DEIDFSWIRNGIIVPAKHERLSFATHORIVYQSSNHLIRAVNGTIDRDYVCLATARASCARVASPAATLHIGTSPFVQLLKHDPDRDSISLKHSTLEPATELIGSDGKPAEETHVEWYRNEVKLTKSPHIDLQRKCHKNASA
24652873.f MTARMISICGLVMALMMASVLAASSRFQVDFGSEVIFECRAMFD-DEIDFSWIRNGIIVPAKHERLSFATHORIVYQSSNHLIRAVNGTIDRDYVCLATARASCARVASPAATLHIGTSPFVQLLKHDPDRDSISLKHSTLEPATELIGSDGKPAEETHVEWYRNEVKLTKSPHIDLQRKCHKNASA
400 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390
11uf_A
1ir3_A
30425042.m EHSGLYSQCAHNAFGQACSSQNFETLSVDESFAFVVLAPQDVVVARNEEAMFHCQFSAQPPPSLQWVEDETHLNRSPPHLRRRAVVFANGSLTLTQVRRNAGVYRCIGQQQGRPPPIVLEATLHLAEIEDMLPFEHVVFIAGDEERVTCPAQGLPTPSVWWEHAGVLPAPAHGRVHKGLEIVFVITAESDTGVVYCH
30425042.m EHSGLYSQCAHNAFGQACSSQNFETLSVDESFAFVVLAPQDVVVARNEEAMFHCQFSAQPPPSLQWVEDETHLNRSPPHLRRRAVVFANGSLTLTQVRRNAGVYRCIGQQQGRPPPIVLEATLHLAEIEDMLPFEHVVFIAGDEERVTCPAQGLPTPSVWWEHAGVLPAPAHGRVHKGLEIVFVITAESDTGVVYCH
31227030.i KONGVYSCLLVVVSRTDGSRRIRALRSKNYRLKPKG---TNYGSKFDCTKNEHLNLLCRGRGDRQLGQSSFSGAPRIVVHPV-TVVNESQPVVFCGFRVTAANESGGFVLRWRKDKVLRWRDLNLAETVTPDDAMVGAETESSFRDDARHIVDRNGSLVFGSVVASDEGTVDCQ
24652873.f BDDGLYRCITASNAAGRVMSKGGVYVQSSVCKLFRPRR---KNE-KMMESWDQKTLCRGRGGAAGLEALPAAEDRIVQGPITGQSHIKGEPTALTCLYPLDELKNGRQLRWRKDKVLRWRDLNLAETVTPDDAMVGAETESSFRDDARHIVDRNGSLVFGSVVASDEGTVDCQ
600 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590
11uf_A
1ir3_A
30425042.m ASNLGQRRQDVNITVAVTPTLRKPKQDS---QLEEGKPGYDFCLTCAATPKPTVLYR---NQMLISEDSRFEVSKNGTDRINSVEVYDGTLYRCVSSSTPA---SHTBAQARVQVLEKLFKTPPPQPPQCMFEDKEATVFCSATCRBRPKVVKVR---ADSSSLPEVTDNAGTTHFAFVTRDDAGNYTCIA
30425042.m ASNLGQRRQDVNITVAVTPTLRKPKQDS---QLEEGKPGYDFCLTCAATPKPTVLYR---NQMLISEDSRFEVSKNGTDRINSVEVYDGTLYRCVSSSTPA---SHTBAQARVQVLEKLFKTPPPQPPQCMFEDKEATVFCSATCRBRPKVVKVR---ADSSSLPEVTDNAGTTHFAFVTRDDAGNYTCIA
31227030.i ITNNSDFVLSATAELQITSNLRFKPKPTSKNLELGS-IAKIDCKAAGCTAPATVEHTVVSDGGAPALPDSIE-DVNGTIVFRNVSAEHRGGYACVAAANSQGEIRASVSVNVVVIAPKFEIAPEGAVQVAELGTQVQFICVATDDEPKPTIQDQDLQYLHAKAGGANVSEERIRILENGTIVLTVHEIDDGRYGCTI
24652873.f LQLEHAFINSS-PGILEVIEIQKVPQFP-TSKNLELDVAVAKVCKAAGCTAPATVEHTVVSDGGAPALPDSIE-DVNGTIVFRNVSAEHRGGYACVAAANSQGEIRASVSVNVVVIAPKFEIAPEGAVQVAELGTQVQFICVATDDEPKPTIQDQDLQYLHAKAGGANVSEERIRILENGTIVLTVHEIDDGRYGCTI
800 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790
11uf_A
1ir3_A
30425042.m SNEPQGGIRAHVGLTVAVFITFKVPEPRTTVVQGHYALLQCEAQQDKPKLQWKGKDRILDPTKLGPRMHIFQNGSLVHIDVAPEDSGSYTCIAGNSCNIRHTEAPLLVVDKPVMEDESGPGSPPPYKMIQTIGLSVGAAVAYIIAVLGLMFYCKKRCQAKRIKQPEEGEPEMECLNCGPLQNGQPSAHTOEBVALHSL
30425042.m SNEPQGGIRAHVGLTVAVFITFKVPEPRTTVVQGHYALLQCEAQQDKPKLQWKGKDRILDPTKLGPRMHIFQNGSLVHIDVAPEDSGSYTCIAGNSCNIRHTEAPLLVVDKPVMEDESGPGSPPPYKMIQTIGLSVGAAVAYIIAVLGLMFYCKKRCQAKRIKQPEEGEPEMECLNCGPLQNGQPSAHTOEBVALHSL
31227030.i GNSAGLKRREEVHLIVKPSDGMVMBESAEDEGLITRAVLIITMSVAFAYITLVVGLMVCRRHRAARKARLNLLSSKENGGDVLKNCBIEPCLPKDTSAAENGGVGVSSGRSKSKQKNGSSAGGKDTVANGVNDGQDKSDDTVNSSKSKSSGSGSLLCLTVESAVVEMLQIGKDFCDVYIGKIRENDCRIPPKBSV
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1000 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990
11uf_A
1ir3_A
30425042.m HPNPMYQRMPLLLNPKLLSLEYFRNNTIEYVRDITGCAFQVDFQARAPGLPYEPTVMVAVKMKBEASADMADDFORBAALMAEPDNNIVKLLGVCAVQKPMCLLSEYMAVGDNEFLRSMSPHTVCSLSHSDLSTRARVSSSGPPPLSCABQDCTAROVAACMAYLSRKFVHRDLARNCLVGENMVVKTADFGLSR
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31227030.i GSGCPATN---KRHSAGDRMHFRASLQHTLTKSBERGEVEFLAKAQVQBEAGATLVLVKSISQSRD-EQQDIDPFRREVMFQKLNHANNVRLLELCREAEPHYMVLEVYDLDLQKPLRHSKNDK---LKSQPLSTKQKVALCSQVALGMEHLNNRNVHKDLARNCLISAQRQVKSALGLSK
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1010 1020 1030 1040 1050 1060 1070 1080 1090 1100 1110 1120 1130
11uf_A
1ir3_A
30425042.m NTVSADYYKADGNDALPIR-MPESEIFYNRYTTESDVAYGVVL-EIFSYG-LQPYVQMAHEEVIYVVRDQ-NIACFENCPLLELYNLMRLC-SKLPADRPSFCSHRIFORMCERAEQTVGV---
30425042.m NTVSADYYKADGNDALPIR-MPESEIFYNRYTTESDVAYGVVL-EIFSYG-LQPYVQMAHEEVIYVVRDQ-NIACFENCPLLELYNLMRLC-SKLPADRPSFCSHRIFORMCERAEQTVGV---
31227030.i DVNBEVYHRR-QAWVPLR-MSPEAVLSEDFSTKSDV-ARVGLM-EVFTHG-EMPHGQADDEVVLADQAGKARLPOECCPSKLYRLMORC-ALSPKDRPSFSEIASALGDSVDSKQ
24652873.f DVNBEVYHRR-QAWVPLR-MSPEAVLSEDFSTKSDV-ARVGLM-EVFTHG-EMPHGQADDEVVLADQAGKARLPOECCPSKLYRLMORC-ALSPKDRPSFSEIASALGDSVDSKQ
DKVSKRYCKRR-NQLMPHR-MAPECFQEDDYSKSDIYSAVLV-ELFNANLSELPKQDDEBITAAQAGKLEKVAEKTPALHKLITSC-SKSPKERPSFSQLVVAHNCNLOS---
24652873.f DKVSKRYCKRR-NQLMPHR-MAPECFQEDDYSKSDIYSAVLV-ELFNANLSELPKQDDEBITAAQAGKLEKVAEKTPALHKLITSC-SKSPKERPSFSQLVVAHNCNLOS---
DRVSEVYHRR-NTLPIR-LAPECFQEDDYSKSDIYSAVLV-ELFNANLSELPKQDDEBITAAQAGKLEKVAEKTPALHKLITSC-SKSPKERPSFSQLVVAHNCNLOS---
24652873.f DRVSEVYHRR-NTLPIR-LAPECFQEDDYSKSDIYSAVLV-ELFNANLSELPKQDDEBITAAQAGKLEKVAEKTPALHKLITSC-SKSPKERPSFSQLVVAHNCNLOS---